

REMARKS

Claims 1, 21, and 48-52 have been canceled. Claim 54 is new. The claims remaining in the application are 2-20, 22-47, 53, and 54.

Rejection Under 35 U.S.C. § 112

The Examiner has rejected claims 15, 18, and 23 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. This rejection is respectfully traversed.

Claims 15 and 23 have been amended as suggested by the Examiner.

Claim 18 contains the phrase "said driver" which the Examiner states has no antecedent basis. Claim 18, however, depends from claim 16, which clearly states "said microprocessor sends a signal to a driver". Thus, there is antecedent basis for "said driver" in claim 18.

Rejection Under 35 U.S.C. § 102

The Examiner has rejected claims 1-2, 4, 6-7, 9, 14-15, 20, 21, 32-33, 35, 37-42, 46, 48-49, 51, and 52 under 35 U.S.C. 102(b) as being anticipated by Hara et al. (U.S. 5,592,239). This rejection is respectfully traversed.

The Examiner has rejected claims 1-2, 4-9, 14-15, 20-23, 32-33, 35-42, 46, 48-49, 51, and 52 under 35 U.S.C. 102(e) as being anticipated by Gyoten et al. (U.S. 6,422,704). This rejection is respectfully traversed.

Claim 32 contains the limitation that the image data is "substantially uniform across said spatial light modulators." This limitation is not found in either of the two references cited by the Examiner. Thus, claim 32 is not anticipated by the references since all the limitations are not found in either of the references. Also, a combination of the two references would not provide this limitation and result in an apparatus which operated as described in claim 32.

In addition, as discussed in the specification on page 3 of the present invention, which discusses the limitations in Hara et al., it is stated that Hara et al. is "only able to be used during an off-line alignment of the projector because the detection system is not suited to close loop operation while projecting images." Thus, the Hara et al. would not function in a manner as described in the

independent claims of the present invention. Nor would Hara et al. in combination with Gyoten et al. function as claimed in the present invention. This is shown most clearly in Figure 8 of Hara et al., which shows the fiducial in the center of the projected image. Therefore, the Hara et al. system could not be used while showing a motion picture or other projected image. In a similar fashion Gyoten et al. uses information on the projection screen and suffers similar limitations as described above in Hara et al.

Rejection Under 35 U.S.C. § 103

The Examiner has rejected claims 3, 26, 34, and 50 under 35 U.S.C. 103(a) as being unpatentable over Hara et al. (U.S. 5,592,239). This rejection is respectfully traversed.

The Examiner has rejected claims 3, 34, and 50 under 35 U.S.C. 103(a) as being unpatentable over Gyoten et al. (U.S. 6,422,704). This rejection is respectfully traversed.

The arguments presented above are pertinent.

Allowable Subject Matter

The Examiner has allowed claim 53 and states that claim 18 is allowable if rewritten to overcome the rejection under 35 U.S.C. 112, second paragraph, set forth above.

The Examiner has objected to claims 16-17, 19, 24-25, 27, 43-45, and 47 but will allow them if they are rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The claims objected to by the Examiner have been amended to place them in condition for allowance.

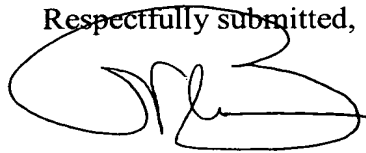
CONCLUSION

Dependent claims not specifically addressed add additional limitations to the independent claims, which have been distinguished from the prior art and are therefore also patentable.

In conclusion, none of the prior art cited by the Examiner discloses the limitations of the claims of the present invention, either individually or in combination. Therefore, it is believed that the claims are allowable. If the

Examiner is of the opinion that additional modifications to the claims are necessary to place the application in condition for allowance, he is invited to contact Applicant's attorney at the number listed below for a telephone interview and Examiner's amendment.

Respectfully submitted,



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